WHAT IS CLAIMED IS:

A method of providing information on a client, the method comprising:
 receiving on the client a client application, the client application requiring a plurality of resources to execute;

determining by the client a subset of the resources that the client application requires; retrieving the subset of the resources; and performing the client application with the subset of resources to provide information.

- 2. The method of claim 1 wherein the resources include assets, asset bags, scenes, audio files, or graphics files.
- 3. The method of claim 1 wherein the client application is an interactive application.
- 4. The method of claim 1 wherein retrieving includes retrieving the subset of assets from a peer client.
- 5. The method of claim 1 wherein retrieving includes retrieving the subset of assets from an application server.

IS 001 -46-

6. The method of claim 1 wherein retrieving includes the steps of:

requesting the subset of resources from one or more peer clients;

determining a second subset of resources as the subset of resources that were not received from the one or more peer clients; and

requesting the second subset of resources from the application server.

7. A method of providing an interactive application on a client, the method comprising:

receiving from an application server a client application and a scene, the scene defining
the interaction between one or more objects and the client application being configured to
interpret and execute the scene;

determining a subset of the resources that the client application requires to perform the scene;

using the subset of resources on the client if the subset is available on the client; loading the subset of resources from a second client if the subset is available on the second client; and

loading the subset of resources from the application server to the client if the subset is not available on the client or the second client.

- 8. The method of claim 7 wherein the client application is an interactive application.
- 9. The method of claim 7 wherein determining is performed by traversing an activity graph.
- 10. The method of claim 7 wherein the resources include assets, asset bags, scenes, graphics files, or audio files.

IS 001 -47-

11. A method of distributing information from a server to a first client and a second client, the method comprising:

loading the information on a first client; and distributing the information from the first client to a second client.

- 12. The method of claim 11 wherein the information includes an interactive software program.
- 13. The method of claim 12 further comprising the steps of: determining the information that the interactive software program requires; and retrieving the information that the interactive software program requires on an as needed basis.
- 14. The method of claim 13 wherein the information includes assets, asset bags, or scenes.
- 15. A method of performing a client application on a client, the method comprising:

 defining a list of activities that the client application may be required to perform after a current activity, the list of activities requiring one or more resources;

determining whether the client has the resources available; and fetching the resources if the client does not have the resources available.

- 16. The method of claim 15 wherein the resources include assets, asset bags, or scenes.
- 17. The method of claim 15 wherein the step of fetching is performed by requesting the resources from an application server.

IS 001 -48-

- 18. The method of claim 15 wherein the step of fetching is performed by requesting the resources from one or more peer clients.
- 19. The methods of claim 15 wherein the client application is an interactive application.
- 20. A method of maintaining a knowledge base in a network environment, the method comprising:

maintaining a portion of a knowledge base on a client;

determining whether the client can access the knowledge base on an application server; and

updating the knowledge base on the application server when the application server is available.

- 21. The method of claim 20 wherein the knowledge base includes user information and status.
- 22. A method of providing an application, the method comprising:

downloading on a client a client application;

maintaining on a server a knowledge base, the knowledge base storing user-specific information;

downloading a portion of the knowledge base to the client; and receiving updates to the knowledge base from the client.

23. The method of claim 22 wherein the knowledge base includes user-specific information.

IS 001 -49-

- 24. The method of claim 22 wherein downloading the knowledge base includes downloading only a portion of the knowledge base corresponding to a user.
- 25. A computer program product for providing information, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

computer program code for receiving a client application, the client application requiring a plurality of resources to execute;

computer program code for determining a subset of the resources that the client application requires;

computer program code for retrieving the subset of the resources; and computer program code for performing the client application with the subset of resources to provide information.

- 26. The computer program product of claim 25 wherein the resources include assets, asset bags, scenes, audio files, or graphics files.
- 27. The computer program product of claim 25 wherein the client application is an interactive application.
- 28. The computer program product of claim 25 wherein the computer program code for retrieving includes computer program code for retrieving the subset of assets from a peer client.

IS 001 -50-

- 29. The computer program product of claim 25 wherein the computer program code retrieving includes computer program code for retrieving the subset of assets from an application server.
- 30. The computer program product of claim 25 wherein the computer program code for retrieving includes:

computer program code for requesting the subset of resources from one or more peer clients;

computer program code for determining a second subset of resources as the subset of resources that were not received from the one or more peer clients; and

computer program code for requesting the second subset of resources from the application server.

31. A computer program product for providing an interactive application on a client, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

computer program code for receiving from an application server a client application and a scene, the scene defining the interaction between one or more objects and the client application being configured to interpret and execute the scene;

computer program code for determining a subset of the resources that the client application requires to perform the scene;

computer program code for using the subset of resources on the client if the subset is available on the client;

IS 001 -51-

computer program code for loading the subset of resources from a second client if the subset is available on the second client; and

computer program code for loading the subset of resources from the application server to the client if the subset is not available on the client or the second client.

- 32. The computer program product of claim 31 wherein the client application is an interactive application.
- 33. The computer program product of claim 31 wherein computer program code for determining is performed by traversing an activity graph.
- 34. The computer program product of claim 31 wherein the resources include assets, asset bags, scenes, graphics files, or audio files.
- 35. A computer program product for distributing information from a server to a first client and a second client, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

computer program code for loading the information on a first client; and computer program code for distributing the information from the first client to a second client.

- 36. The computer program product of claim 35 wherein the information includes an interactive software program.
- 37. The computer program product of claim 36 further comprising:

IS 001 -52-

computer program code for determining the information that the interactive software program requires; and

computer program code for retrieving the information that the interactive software program requires on an as needed basis.

- 38. The computer program product of claim 37 wherein the information includes assets, asset bags, or scenes.
- 39. A computer program product for performing a client application on a client, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

computer program code for defining a list of activities that the client application may be required to perform after a current activity, the list of activities requiring one or more resources; computer program code for determining whether the client has the resources available; and

computer program code for fetching the resources if the client does not have the resources available.

- 40. The computer program product of claim 39 wherein the resources include assets, asset bags, or scenes.
- 41. The computer program product of claim 39 wherein the computer program code for fetching is performed by requesting the resources from an application server.

IS 001 -53-.

- 42. The computer program product of claim 39 wherein computer program code for fetching is performed by requesting the resources from one or more peer clients.
- 43. The computer program product of claim 39 wherein the client application is an interactive application.
- 44. A computer program product for maintaining a knowledge base in a network environment, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

computer program code for maintaining a portion of a knowledge base on a client;

computer program code for determining whether the client can access the knowledge base on an application server; and

computer program code for updating the knowledge base on the application server when the application server is available.

- 45. The computer program product of claim 44 wherein the knowledge base includes user information and status.
- 46. A computer program product for providing an application, the computer program product having a medium with a computer program embodied thereon, the computer program comprising computer program code for downloading on a client a client application;

computer program code for maintaining on a server a knowledge base, the knowledge base storing user-specific information;

computer program code for downloading a portion of the knowledge base to the client; and

IS 001 -54-

computer program code for receiving updates to the knowledge base from the client.

- 47. The computer program product of claim 46 wherein the knowledge base includes user-specific information.
- 48. The computer program product of claim 46 wherein computer program code for downloading the knowledge base includes computer program code for downloading only a portion of the knowledge base corresponding to a user.

IS 001 -55-